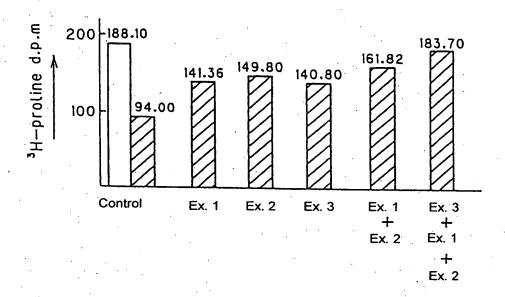
Fig. 1

Recovery test for collagen production in fibroblasts



☐ : Normal fibroblasts

Damaged fibrobrasts

Fig. 2

Moisture retention duration test

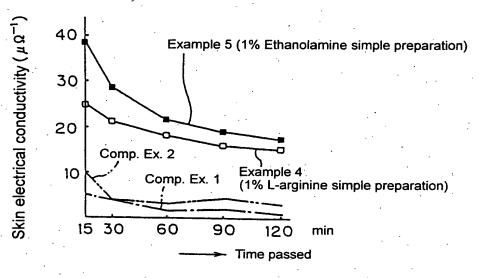


Fig. 3
Moisture retention duration test

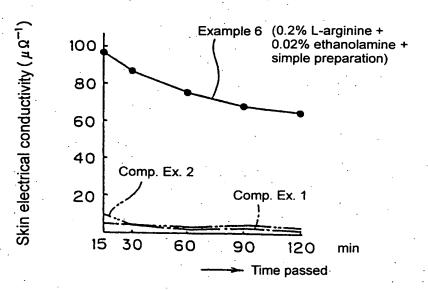


Fig. 4

Moisture retention ability test

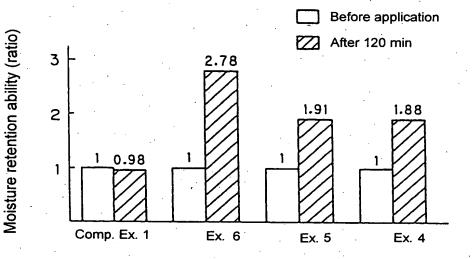


Fig. 5

Moisture retention ability test

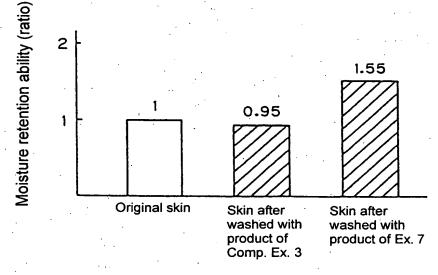


Fig. 6

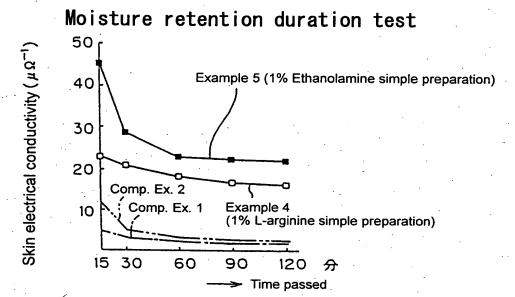
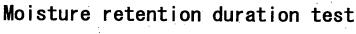
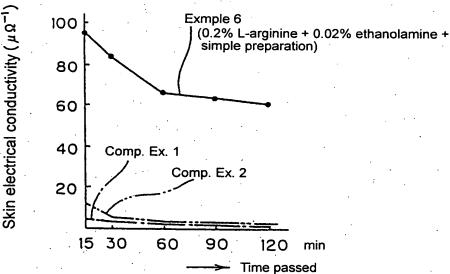


Fig. 7





rig 8 Chapped skin recovery test

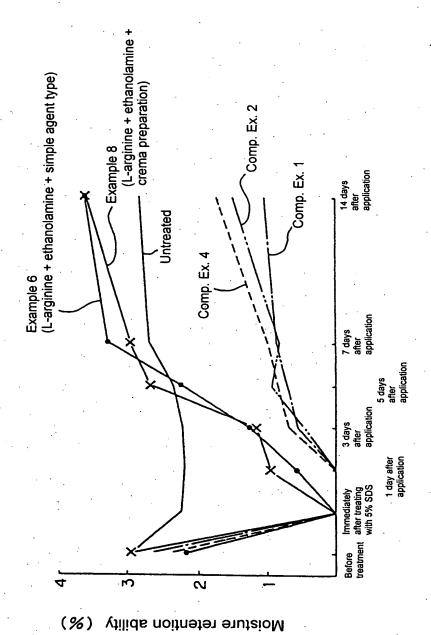


Fig. 9

Overall improvement (usefulness)

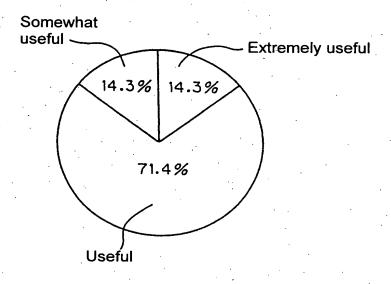
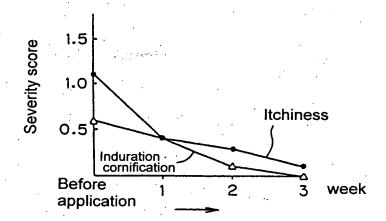


Fig. 10

Improvement of itchiness, induration and cornification



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Improvement of scaling and cracking

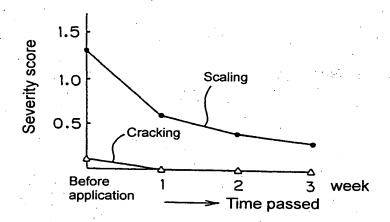
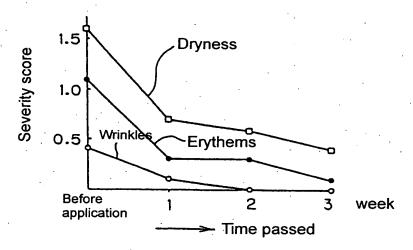


Fig. 12
Improvement of erythema, dryness and wrinkles



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Fig. 13

Overall improvement (usefulness)

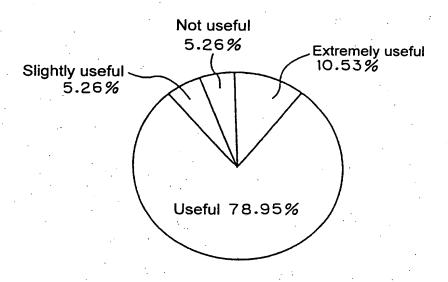
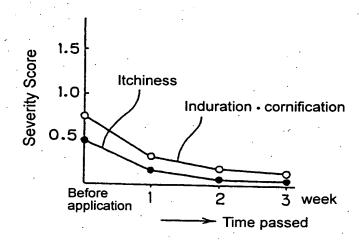


Fig. 14

Improvement of itchiness, induration and cornification



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Fig. 15
Improvement of scaling and cracking

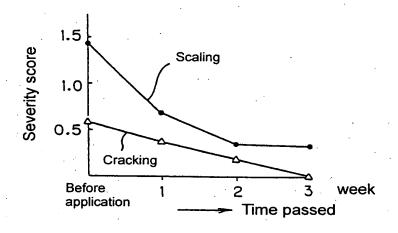
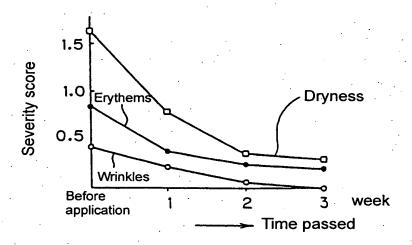


Fig. 16
Improvement of erythema, dryness, and wrinkles



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Fig. 17

Inflammatory changes in dermal tissue

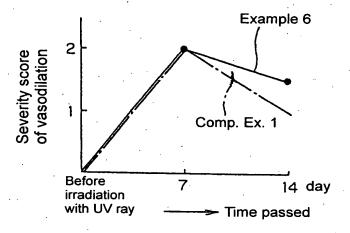
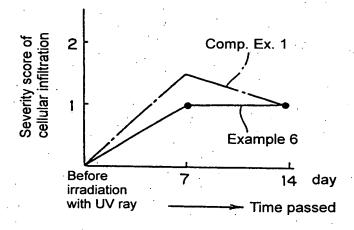


Fig. 18

Inflammatory changes in dermal tissue



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Fig. 19
Inflammatory changes in epidermal tissue

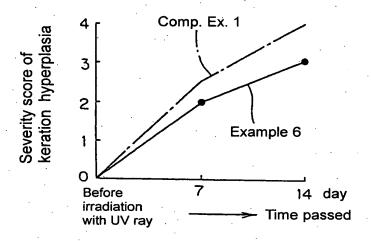
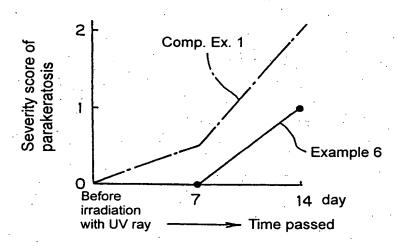
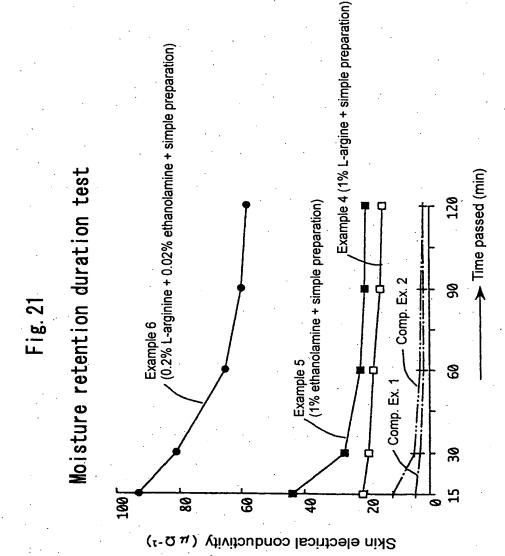
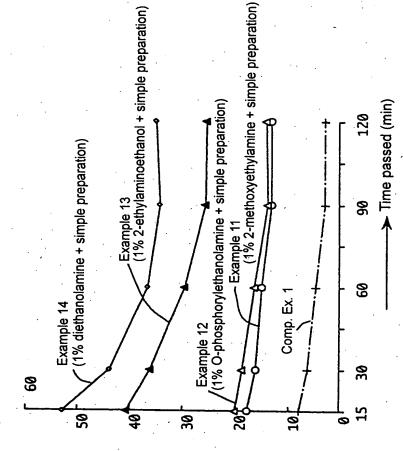


Fig. 20
Inflammatory changes in epidermal tissue



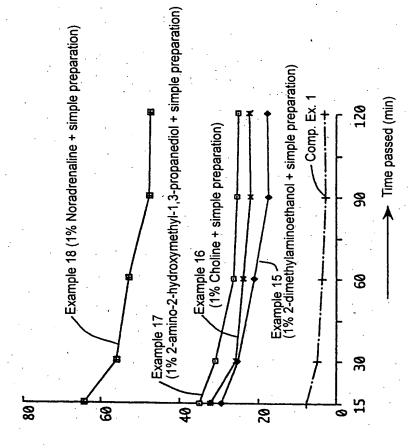






Skin electrical conductivity (μ Ω^{-1})

rig.23 Moisture retention duration test



Skin electrical conductivity ($\mu\,\Omega^{-1})$

Fig.24 Moisture retention duration test

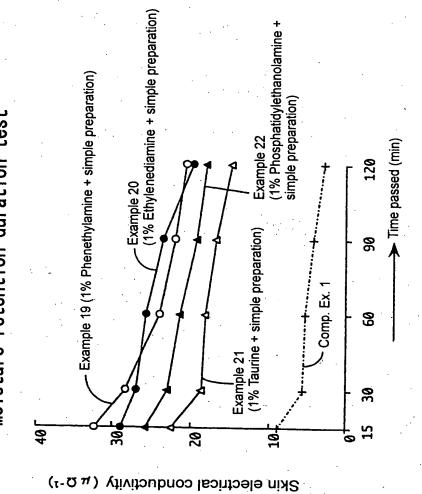
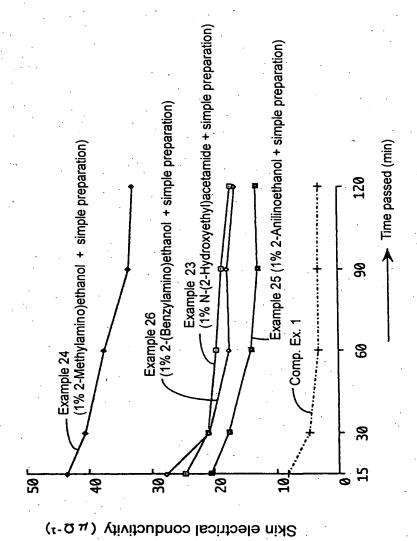
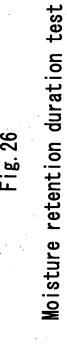
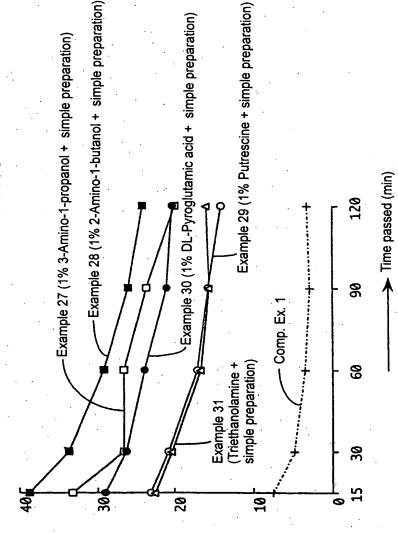


Fig. 25 Moisture retention duration test

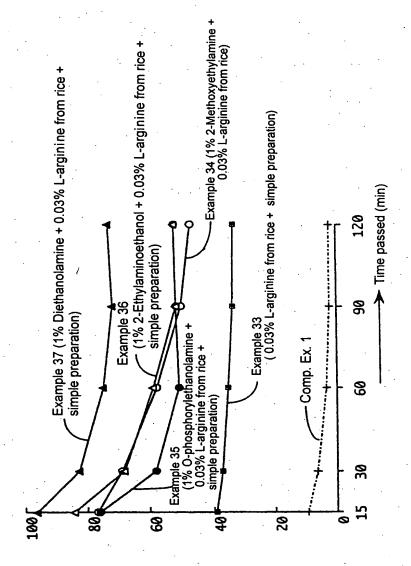






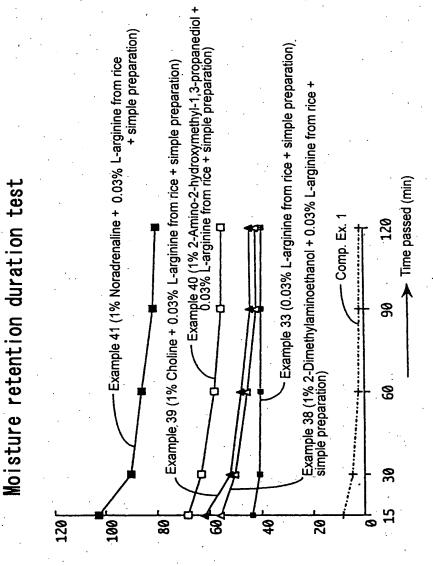
Skin electrical conductivity ($\pi\, \Omega^{-1})$

Fig.2/ Moisture retention duration test

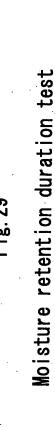


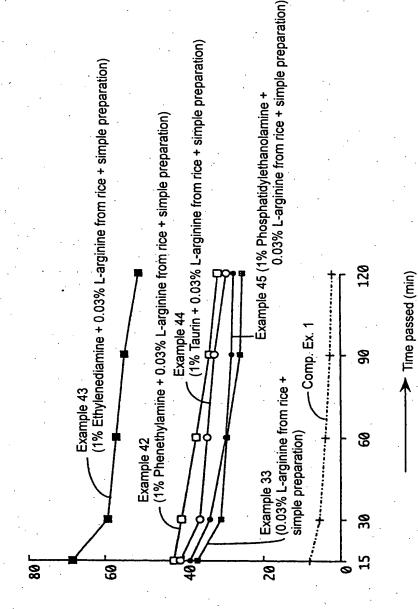
Skin electrical conductivity ($\mu \Omega^{-1}$)

Fig. 28

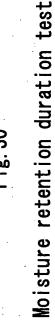


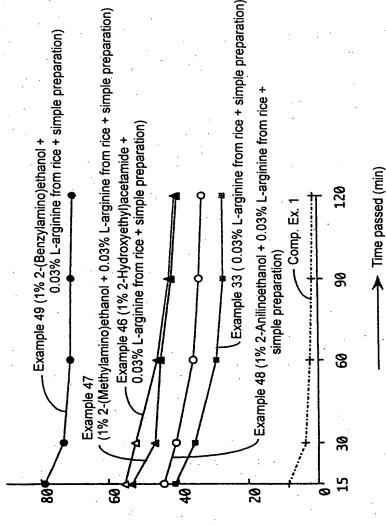
Skin electrical conductivity (μ $\Omega^{-1})$



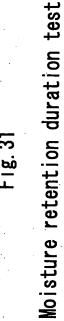


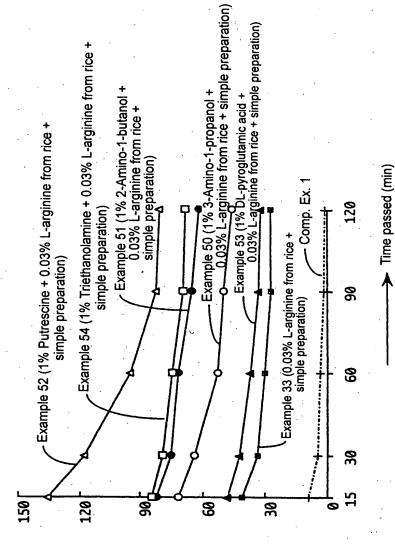
Skin electrical conductivity ($\mu\,\Omega^{-1})$





Skin electrical conductivity (μ Ω^{-1})





Skin electrical conductivity ($\mu \Omega^{-1}$)

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Fig. 32
Moisture retention ability test

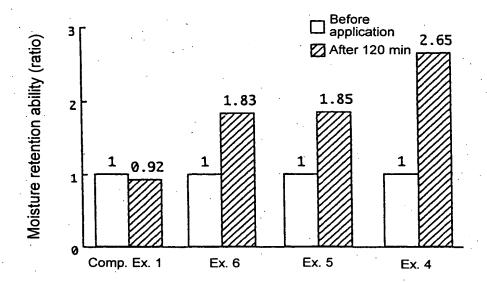
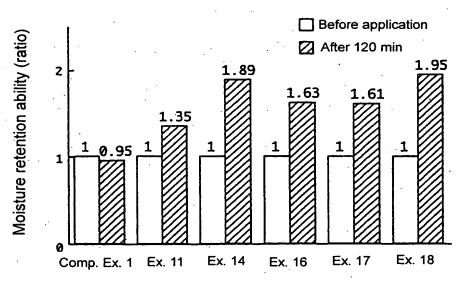
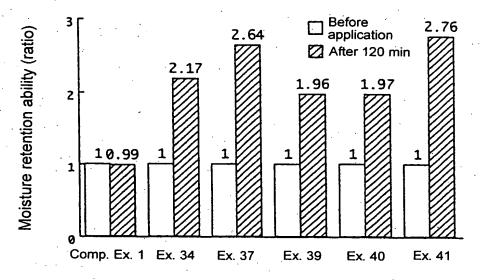


Fig. 33
Moisture retention ability test



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Fig. 34
Moisture retention ability test



Transepidermal moisture evaporation volume

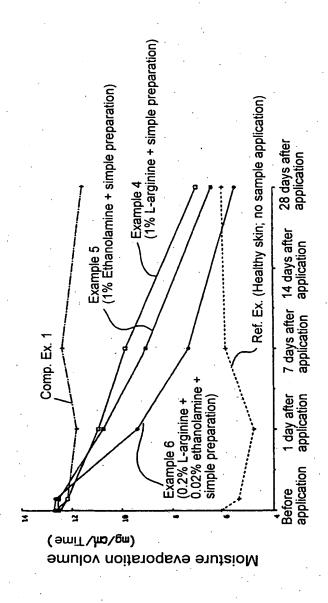


Fig. 36

Transepidermal moisture evaporation volume

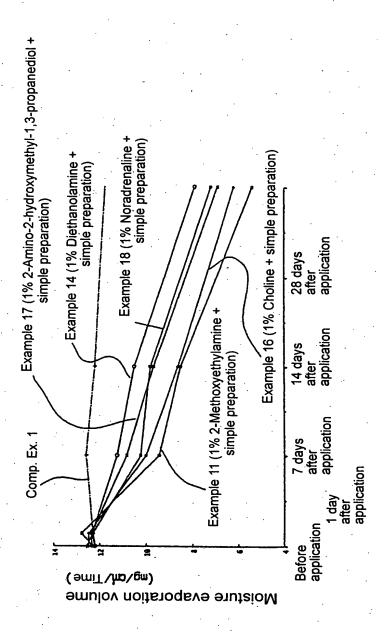
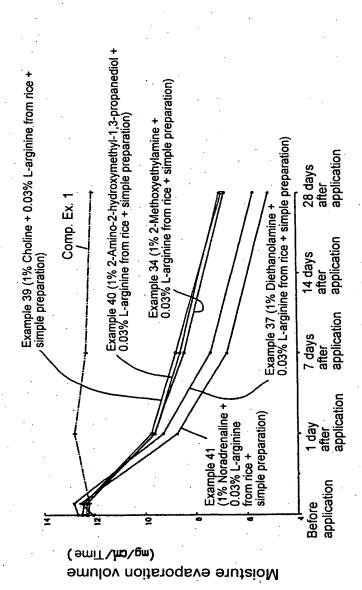


Fig. 37

Transepidermal moisture evaporation volume



Example 55 (Simple preparation containing 40% Example 3 product) Allergic reaction inhibition test Comp. Ex. 1

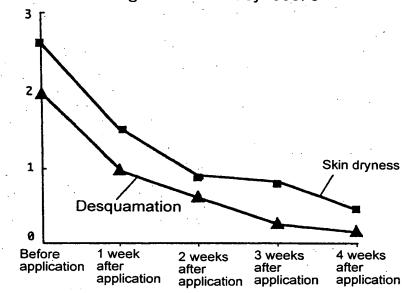
(Number of day(s) after dematitis was induced)

Observation day

Skin reaction intensity

Fig. 39





Severity score

Fig. 40

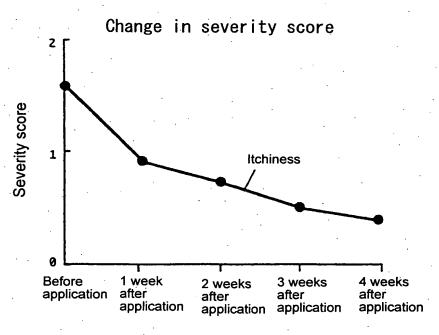


Fig. 41
Change in improvement

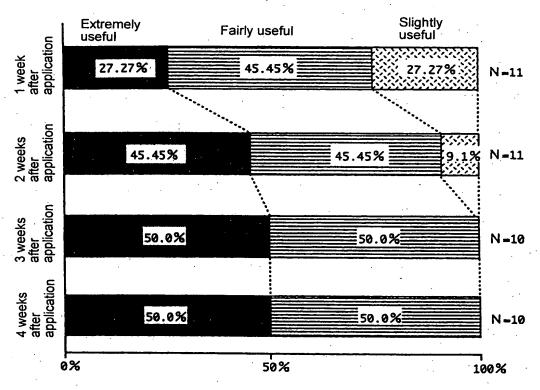


Fig. 42

Overall improvement (N=12)

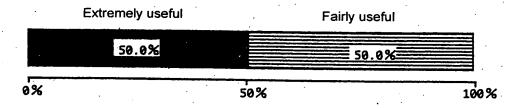


Fig. 43

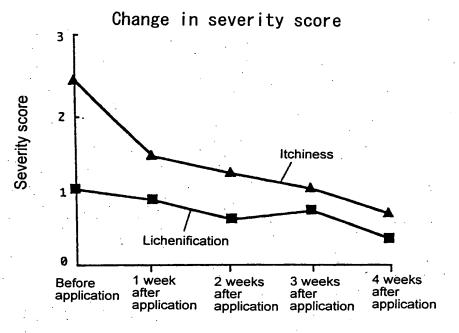
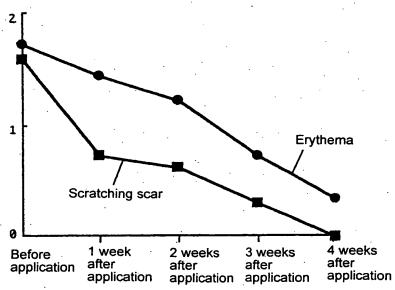


Fig. 44
Change in severity score



Severity score

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Fig. 45
Change in improvement

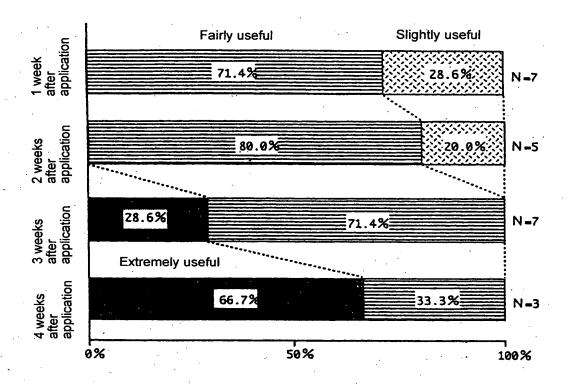


Fig. 46

Overall improvement
(N-7)

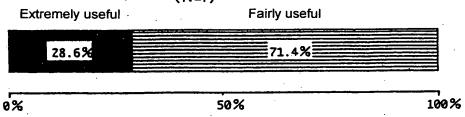


Fig. 47

Change in severity score

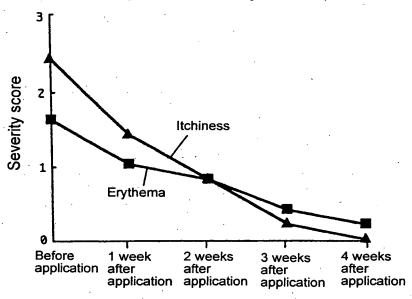
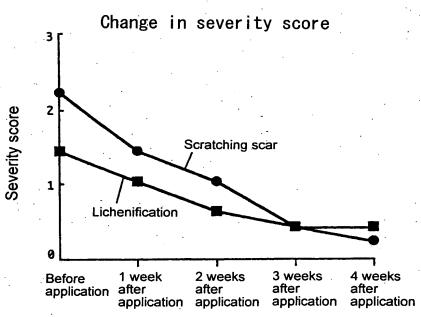


Fig. 48



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Fig. 49
Change in improvement

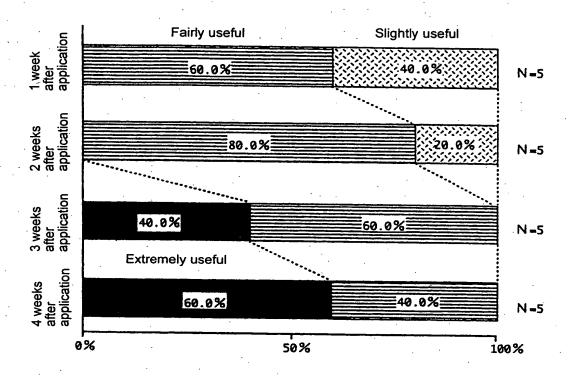


Fig. 50

Overall improvement
(N-5)

